The

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants O I P E

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Title:

APR 1 1 2005 PI

PIPELINE ÁCCELERATOR FOR IMPROVED COMPUTING ARCHITECTURE AND RELATED SYSTEM AND METHOD

Serial Number

10/683,929

Filing Date:

October 9, 2003

Examiner/Unit:

/ 2818

Attorney Docket No.:

1934-13-3

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited in the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 7th day of April, 2005.

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RULE 56 INFORMATION DISCLOSURE AND ACCOMPANYING SECTION 1.97(e) CERTIFICATION

TO THE COMMISSIONER FOR PATENTS:

In compliance with 37 CFR § 1.56 and § 1.97, Applicants acting by and through the attorney of record, hereby discloses patents and other documents listed on the attached Form PTO-1449 which may be considered relevant to the examination of the subject application.

Copies of the cited references are enclosed.

Certification Under Section 1.97(e)

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Several items of information contained in this Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this statement.

For those items of information contained in this Information Disclosure Statement that was first cited in any communication from a foreign Patent Office in a counterpart foreign application more than three months prior to the filing of this statement, no Office Action has been mailed in this application.

Respectfully submitted,

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PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO Complete if Known 10/683,929 Application Number INFORMATION DISCLOSURE October 9, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor John W. Rapp Art Unit 2818 (Use as many sheets as necessary) Examiner Name 1934-13-3

of 2

U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant		
		Number - Kind Code ² (if known)			Passages or Relevant Figures Appear		
		US-5,583,964	12/10/96	Wang			
:		US- 4,956,771	09/11/90	Neustaedter			
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	FOREIGN PATENT DOCUMENTS						
Examiner	Cite No.1	Foreign Patent Document	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Initials*		Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Date MM-DD-YYYY			T ⁶	
		EP 1 061 438 A1	12/20/00	Hewlett- Packard Company			
		EP 0 945 788 A2	09/29/99	Texas Instruments Incorporated			
		EP 0 945 788 A3	06/26/02	Texas Instruments Incorporated			
	:	EP 0 694 847 A2	01/31/96	International Business Machines Corporation			
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Substitute for form 1449B/PTO Complete if Known Application Number 10/683,929 INFORMATION DISCLOSURE Filing Date October 9, 2003 STATEMENT BY APPLICANT First Named Inventor John W. Rapp Art Unit 2818 (Use as many sheets as necessary) Examiner Name Sheet 2 1934-13-3 Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number(s), publisher, city and/or country where published.			
		LECURIEUX-LAFAYETTE G: "Un Seul FPGA Dope Le Traitement D'Images", Electronique, CEP Communication, Paris, FR, no. 55, 1996, pp. 98, 101-103		
		VERMEULEN F. ET AL., "Flexible Hardware Acceleration for Multimedia Oriented Microprocessors", Micro-33. Proceedings of the 33rd Annual ACM/IEEE International Symposium on Microarchitecture. Monterey, CA, Dec. 10-13, 2000, Proceedings of the Annual ACM/IEEE International Symposium on Microarchitecture, Los Alamitos, CA: IEEE Comp. Soc, US, 10 December 2000, pp. 171-177		
		International Search Report for PCT/US 03/34557, December 21, 2004		
		International Search Report for PCT/US 03/34559, January 7, 2005		
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